GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2363
ANSWERED ON:16.03.2017
Transmission Projects
Gopal Dr. K.

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the transmission projects worth Rs. 50,000 crore would be up for bids during this financial year in order to boost capacity of renewable energy and if so, details thereof;
(b) whether the increasing share of renewable energy in the overall energy mix in the country will have significant implications for the national grid and will go upto 40 per cent by 2030 and if so, the details thereof; and
(c) whether this will throw a huge challenge to the grid operations and if so, the details thereof and the steps proposed to be taken thereon?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): No Madam. Under Green Energy Corridor transmission projects, Rs.5049.72 crore and Rs. 11369 crore have been bidded out under intra-state and inter- state components respectively.(Annexure-I & II)
(b): No Madam. Share of renewable energy in overall energy mix of the country is not targeted to go up to 40% by 2030. The Intended Nationally Determined Contributions of India aim to achieve about 40% cumulative installed capacity from non-fossil fuel based energy resources by 2030.
(c): Large scale integration of renewable energy into the grid will be a challenging situation due to intermittent nature of wind and solar. To meet such challenge, following steps are being taken:
(i) Development of Green Energy Corridor.
(ii) Notification of Forecasting and Scheduling of Regulations by CERC and SERCs.
(iii) Amendment of Regulations for Technical Standards for Grid Connectivity.
(iv) Development of Renewable Energy Management Centres.
(v) Installation of Availability Based Tariff meters.
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